

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Elja SAASTAMOINEN et al

Application No:

Filed:

Art Unit:

Examiner:

For: ARRANGEMENT FOR MEASURING CONCENTRATE  
FLOW IN CONNECTION WITH A FLOTATION  
CELL

# 6  
Amend  
A  
5-3-02  
arj

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please make the following amendments to this application prior  
to examination thereof.

AMENDMENTS

In the Claims:

Claims 3-9, cancel

Add new claims as follows:

10. (New) An apparatus according to claim 1, characterized in  
that the sensor element is attached to the horizontal axis of the  
measuring device.

11. (New) An apparatus according to claim 1, characterized in  
that the horizontal axis of the measuring device is positioned  
essentially transversely to the flowing direction of the concentrate  
flow to be measured.

12. (New) An apparatus according to claim 1, characterized in  
that the arrangement is connected to the control system of the  
flotation cell.

13. (New) An apparatus according to claim 1, characterized in  
that the arrangement comprises a display unit.

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A1  
Cont.

14. (New) An apparatus according to claim 1, characterized in that the concentrate flow to be measured is the flow flowing out of a flotation cell via a drain chute.


112 15. (New) An apparatus according to claim 1, characterized in that in the sensor element, there is arranged a calibration means, such as a movable weight.

16. (New) An apparatus according to claim 1, characterized in that the arrangement is provided in connection with the drain chute of a flotation cell, preferably so that the sensor element is at least partly placed in a collecting pipe.

REMARKS

The above amendments are presented in order to place this application in better condition for examination.

Respectfully submitted,

  
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Docket: OUTO 2367